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anti-LIMK2 antibody (pThr505)

3 Images



Go to Product page

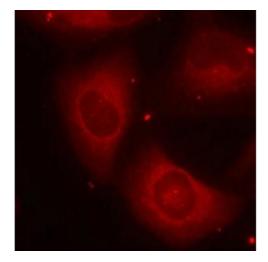
Overview

0.10.1.011	
Quantity:	100 μL
Target:	LIMK2
Binding Specificity:	pThr505
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIMK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)
Product Details	
Immunogen:	Peptide sequence around phosphorylation site of threonine 505 (R-Y-T(p)-V-V) derived from
	Human LIMK2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH
	conjugates. Antibodies were purified by affinity-chromatography using epitope-specific
	phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Target Details	
Target:	LIMK2
Alternative Name:	LIMK2 (LIMK2 Products)

Target Details

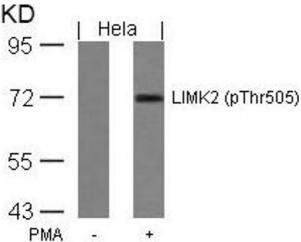
rarget Details		
Background:	Background: Displays serine/threonine-specific phosphorylation of myelin basic protein and	
	histone (MBP) in vitro.	
	Soosairajah J, et al. (2005) EMBO J.	
	Ohashi K, et al. (2000) J Biol Chem, 275(5): 3577-82.	
	Edwards DC, et al. (1999) Nat Cell Biol, 1(5): 253-9.	
	Aliases: LIM domain kinase 2 antibody, LIM kinase 2 antibody, LIMK 2 antibody, LIMK-2	
	antibody, Limk2 antibody, LIMK2_HUMAN antibody	
UniProt:	P53671	
Application Details		
Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100, IF:1:100-1:200,	
Restrictions:	For Research Use only	
Handling		

Handling	
Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



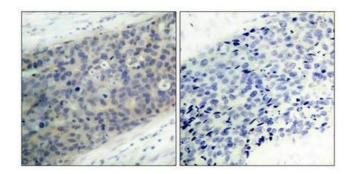
Immunofluorescence

Image 1. Immunofluorescence staining of methanol-fixed Hela cells using LIMK2(Phospho-Thr505) Antibody.



Western Blotting

Image 2. Western blot analysis of extracts from Hela cells untreated or treated with PMA using LIMK2(Phospho-Thr505) Antibody.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded human breast carcinoma tissue using LIMK2(Phospho-Thr505) Antibody(left) or the same antibody preincubated with blocking peptide(right).